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| <b>Search Notes</b><br> | <b>Application/Control No.</b><br>10781985 | <b>Applicant(s)/Patent Under Reexamination</b><br>MAHLAB ET AL. |
|  | <b>Examiner</b><br>Kim, David S            | <b>Art Unit</b><br>2613   |

| SEARCHED |          |      |          |
|----------|----------|------|----------|
| Class    | Subclass | Date | Examiner |
|          |          |      |          |

| SEARCH NOTES  |            |                     |
|---|------------|---------------------|
| Search Notes  | Date       | Examiner            |
| EAST search - see search history printout   | 11/27/2006 | DSK, 12/5 - 12/7/06 |
| text search in 398/25-38  | 11/27/2006 | DSK, 12/7/06        |
| scholar.google.com - various combinations of the following terms:<br>measuring chirp nonlinearity ber monitor dispersion nonlinear effect<br>measure compensate bit rate reroute regeneration detect sense determine<br>self-phase self phase spm four-wave four photon fwm cross-phase cross<br>phase cpm xpm brillouin raman stokes | 11/27/2006 | DSK, 12/5 - 12/7/06 |
| text search in 398/25, 33, 147, 158, 159  | 12/7/2006  | DSK                 |
| ieeexplore.ieee.org - various combinations of the following terms: measur*<br>detect* sens* monitor* determin* chirp nonlinear* non-linear* optic*  | 12/7/2006  | DSK                 |
| discussed claim 2 with SPE Jason Chan, PE Christina Leung, PE Leslie<br>Pascal, PE Mohammad Sedighian   | 12/7/2006  | DSK                 |

| INTERFERENCE SEARCH |          |      |          |
|---------------------|----------|------|----------|
| Class               | Subclass | Date | Examiner |
|                     |          |      |          |